

National Science Foundation  
4201 Wilson Boulevard  
Arlington, Virginia 22230

April 1, 2002

Dear Colleague:

This is to inform you that the Directorate for Engineering (ENG) at the National Science Foundation has opened its nationwide search to fill the position of Director for the Division of Civil and Mechanical Systems (CMS). Since I wish to ensure that this opportunity reaches a wide and diverse audience, I am asking your assistance in identifying potential candidates from both academic and non-academic backgrounds. I would also like to encourage you to consider the possibility of your own candidacy for the position. Please note our particular interest in attracting qualified women and underrepresented minority candidates to this position.

The Division Director directs the activities of CMS and serves as NSF's principal spokesperson in areas served by the Division. The Division Director leads a team of Program Officers and support staff in managing a broad portfolio of investments in research and educational investments in design, analysis, experimentation and construction of the Nation's civil infrastructure and mechanical systems. Together they position and advocate program activities within the context of NSF's strategic plan and manage resources effectively to nurture emerging opportunities as well as ongoing efforts. They work proactively across NSF and in partnership with other Federal and State agencies, industry, private foundations and the academic community. The position represents a challenging opportunity to provide intellectual leadership and to effect constructive change.

CMS identifies and funds research that contributes to the knowledge base and intellectual growth in the areas of infrastructure construction and management, geotechnology, structures, dynamics and control, mechanics and materials, sensing for civil and mechanical systems as well as the reduction of risks induced by earthquakes and other natural and technological hazards. The division encourages cross-disciplinary partnerships at the intersections of traditional disciplines. These partnerships promote discoveries using technologies such as autoadaptive systems, nanotechnology and simulation to enable revolutionary advances in our nation's civil and mechanical systems. The Division had an annual research budget in fiscal year 2002 of \$56 million. The CMS Division is also responsible for management of the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) project, scheduled for completion September 30, 2004.

Essential qualifications for the position include a Ph.D. or equivalent professional experience or a combination of education and equivalent experience in Mechanical Engineering, Civil Engineering, Systems Engineering, or a related discipline. Candidates should demonstrate an established record of significant achievement in research administration and increasing leadership responsibility in academe, industry or government. In addition to having a strong record of research and education accomplishments, candidates must be experienced and competent in technical, financial and administrative management. They must work well with people, be effective communicators, and act as mentors to continuously develop the diversity of talents and skills of their colleagues at all levels.

***A position announcement with information about appointment options and application procedures may be found on the NSF website at [www.nsf.gov/jobs](http://www.nsf.gov/jobs). This Senior Executive Service position may be filled on a Career or Limited Term appointment basis. Alternatively, this position may be filled under the provisions of the Intergovernmental Personnel Act.***

Some of the advantages of working as a Division Director are the opportunity to interact extensively with the community of researchers and educators, to gain an overview of current opportunities and needs, and to influence the Federal investment and the direction of national activities such that they might have broad impact.

General inquiries should be directed to:

Dr. Joseph E. Hennessey  
Chair, Personnel Search Committee  
Directorate for Engineering  
Tel: (703) 292-7069  
Fax: (703) 292-9014  
email: [jhenness@nsf.gov](mailto:jhenness@nsf.gov)

Applications may be sent electronically to [execsrch@nsf.gov](mailto:execsrch@nsf.gov) or mailed to:

National Science Foundation  
ATTN: S20020088  
Executive and Visiting Personnel Branch  
Division of Human Resource Management  
4201 Wilson Boulevard, Room 315  
Arlington, Virginia 22230

Maria Sutton is the point of contact in the HRM Division. She may be reached at (703) 292-8755 or by email at [execsrch@nsf.gov](mailto:execsrch@nsf.gov).

Applications will be accepted through May 17, 2002.

Sincerely,

Esin Gulari  
Acting Assistant Director for Engineering